

**ABSTRACT****A METHOD OF AUTOMATICALLY ANALYSING THE STRUCTURE OF A SOFTWARE SYSTEM**

5

The invention automatically produces a structural analysis of a software system's executables, separated into levels based on 'dependency depth'. Given a simple list of executables' dependencies, the tool automatically produces a dependency table sorted by level, with the least dependent executables listed at the bottom and with the most dependent at the top. This organises the executables in a rational and repeatable manner that clarifies the high-level view of the inter-dependencies between the many executables. It can also be used to decide the order in which executables need to be built where the least dependent executable is built first.

15